# Science and technology K-6 skills planning tool

Table 1 – syllabus suggested working scientifically skills

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Skills | Early Stage 1 | | | | | Stage 1 | | | | | Stage 2 | | | | | Stage 3 | | | | |
| ****Working scientifically skills**** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** |
| Questioning and predicting |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planning and conducting investigations |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and analysing data |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Communicating |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 2 – syllabus suggested design and production skills

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Skills | Early Stage 1 | | | | | Stage 1 | | | | | Stage 2 | | | | | Stage 3 | | | | |
| Design and Production Skills | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** |
| Identifying and defining |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Researching and planning |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Producing and implementing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testing and evaluating |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Key:** LW = living world, MW = material world, PW = physical world, ES = Earth and space, DT = digital technologies

Table 3 – Blank working scientifically skills

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Skills | Early Stage 1 | | | | | Stage 1 | | | | | Stage 2 | | | | | Stage 3 | | | | |
| ****Working scientifically skills**** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** |
| Questioning and predicting |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Planning and conducting investigations |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Processing and analysing data |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Communicating |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 4 – Blank design and production skills

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Skills | Early Stage 1 | | | | | Stage 1 | | | | | Stage 2 | | | | | Stage 3 | | | | |
| Design and Production Skills | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** | **LW** | **MW** | **PW** | **ES** | **DT** |
| Identifying and defining |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Researching and planning |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Producing and implementing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testing and evaluating |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Key:** LW = living world, MW = material world, PW = physical world, ES = Earth and space, DT = digital technologies